

AMENDMENTS TO THE CLAIMS

The below listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for controlling spider mites in an agricultural crop, the method comprising:

applying an emulsion comprising a treatment solution of at least about 1.0% concentration beta acids to the crop ~~as an emulsion~~, and including soap in the emulsion in an amount sufficient to reduce film ~~file~~ in the emulsion ~~treatment solution~~.

2. (Currently amended) A method for controlling powdery ~~powdry~~ mildew in an agricultural crop, comprising:

applying an emulsion comprising a treatment solution of at least about 1.0% concentration of beta acids to the crop ~~as an emulsion~~, and including soap in the emulsion in an amount sufficient to reduce film ~~file~~ in the emulsion ~~treatment solution~~.

3. (New) The method of claim 1 or 2, wherein the emulsion comprises about 0.5% liquid soap.

4. (New) The method of claim 3, wherein the emulsion comprises an emulsifier.

5. (New) The method of claim 4, wherein the emulsion comprises about 0.2%, 0.4%, or 2% of an emulsifier.

6. (New) The method of claim 1 or 2, wherein the emulsion comprises an emulsifier and liquid soap.

7. (New) The method of claim 1, wherein the method causes mite mortality.
8. (New) The method of claim 2, wherein the method reduces spore formation.
9. (New) The method of claim 2, wherein the method treats powdery mildew already present on the crop.
10. (New) The method of claim 1 or 2, wherein beta acids are present at about 1% to 10%.
11. (New) The method of claim 1 or 2, wherein the emulsion is stable when stored.
12. (New) The method of claim 1 or 2, wherein the emulsion is stable when diluted.